## SEQUENCE LISTING

<110>	NOVARTIS	AG	
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- <120> OCULAR GENE THERAPY
- <130> 116566-010
- <140> PCT/EP03/09497
- <141> 2003-08-27
- <150> 60/406,470
- <151> 2002-08-28
- <160> 25
- <170> PatentIn Ver. 3.3
- <210> 1
- <211> 183
- <212> PRT
- <213> Homo sapiens
- <400> 1
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- Ser Pro Leu Ser Gly Gly Met Arg Gly Ile Arg Gly Ala Asp Phe Gln 20 25 30
- Cys Phe Gln Gln Ala Arg Ala Val Gly Leu Ala Gly Thr Phe Arg Ala 35 40 45
- Phe Leu Ser Ser Arg Leu Gln Asp Leu Tyr Ser Ile Val Arg Arg Ala 50 55 60
- Asp Arg Ala Ala Val Pro Ile Val Asn Leu Lys Asp Glu Leu Leu Phe 65 70 75 80
- Pro Ser Trp Glu Ala Leu Phe Ser Gly Ser Glu Gly Pro Leu Lys Pro 85 90 95
- Gly Ala Arg Ile Phe Ser Phe Asp Gly Lys Asp Val Leu Arg His Pro 100 105 110
- Thr Trp Pro Gln Lys Ser Val Trp His Gly Ser Asp Pro Asn Gly Arg 115 120 125
- Arg Leu Thr Glu Ser Tyr Cys Glu Thr Trp Arg Thr Glu Ala Pro Ser 130 135 140
- Ala Thr Gly Gln Ala Ser Ser Leu Leu Gly Gly Arg Leu Leu Gly Gln 145 150 155 160
- Ser Ala Ala Ser Cys His His Ala Tyr Ile Val Leu Cys Ile Glu Asn 165 170 175

Ser Phe Met Thr Ala Ser Lys 180

<210> 2 <211> 551 <212> DNA <213> Homo sapiens

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<210> 3 <211> 207 <212> PRT <213> Mus musculus

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Gly Ser Thr Gly Asp Ala Ala His Thr His Gln Asp Phe Gln Pro Val \$20\$

Leu His Leu Val Ala Leu Asn Thr Pro Leu Ser Gly Gly Met Arg Gly 35 40 45

Ile Arg Gly Ala Asp Phe Gln Cys Phe Gln Gln Ala Arg Ala Val Gly 50 55 60

Leu Ser Gly Thr Phe Arg Ala Phe Leu Ser Ser Arg Leu Gln Asp Leu 65 70 75 80

Tyr Ser Ile Val Arg Arg Ala Asp Arg Gly Ser Val Pro Ile Val Asn 85 90 95

Leu Lys Asp Glu Val Leu Ser Pro Ser Trp Asp Ser Leu Phe Ser Gly
100 105 110

Ser Gln Gly Gln Leu Gln Pro Gly Ala Arg Ile Phe Ser Phe Asp Gly 115 . 120 . 125

Arg Asp Val Leu Arg His Pro Ala Trp Pro Gln Lys Ser Val Trp His 130 135 140

Gly Ser Asp Pro Ser Gly Arg Arg Leu Met Glu Ser Tyr Cys Glu Thr 145 150 155 160

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Trp Arg Thr Glu Thr Thr Gly Ala Thr Gly Gln Ala Ser Ser Leu Leu
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Ser Gly Arg Leu Leu Glu Gln Lys Ala Ala Ser Cys His Asn Ser Tyr
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cgagccgtgg ggctgtcggg caccttccgg gctttcctgt cctctaggct gcaggatctc 240
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agcgtatggc acggctcgga ccccagtggg cggaggctga tggagagtta ctgtgagaca 480
tggcgaactg aaactactgg ggctacaggt caggcctcct ccctgctgtc aggcaggctc 540
ctggaacaga aagctgcgag ctgccacaac agctacatcg tcctgtgcat tgagaatagc 600
ttcatgacct ctttctccaa atag
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